

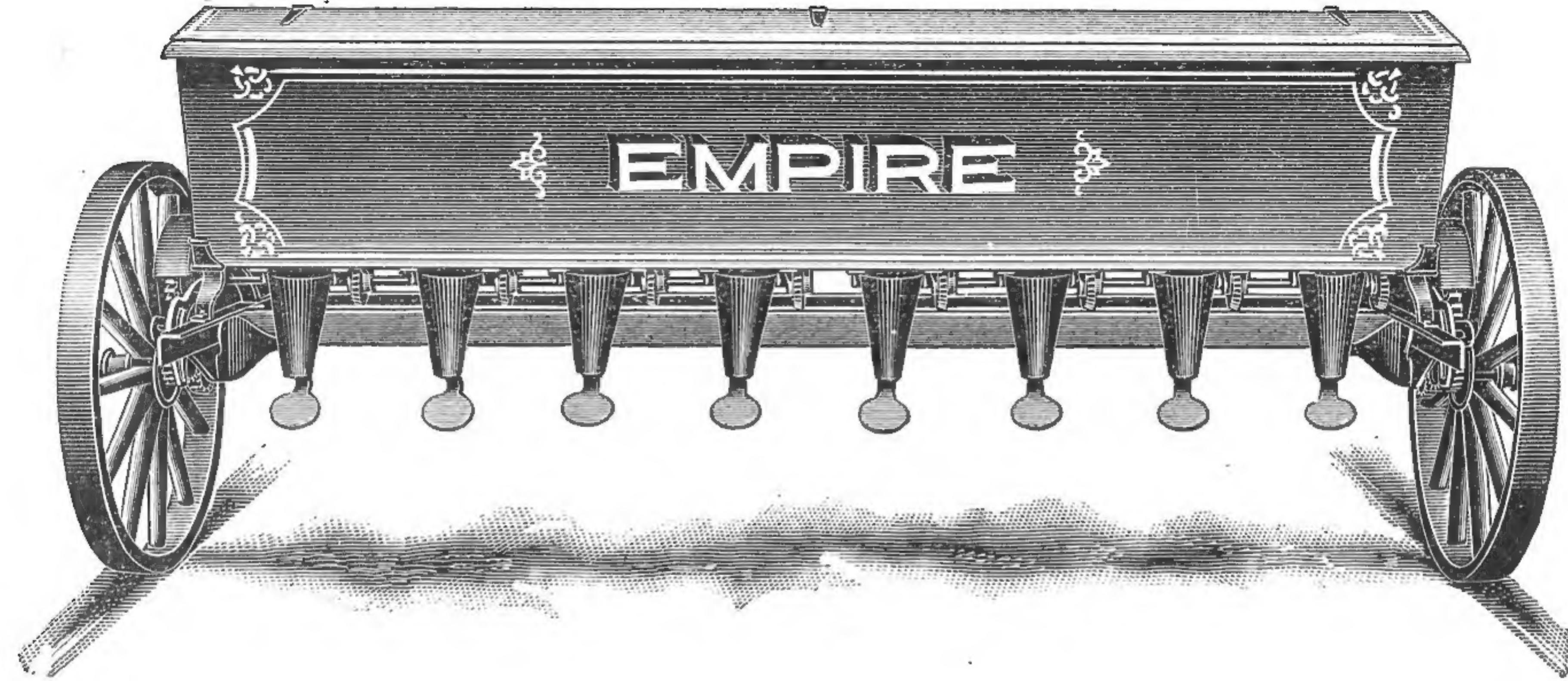
# **EMPIRE**

## **Broadcast Fertilizer Sower**

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**Form 6 E. D. C.**





REAR VIEW EMPIRE BROADCAST FERTILIZER SOWER.

# **The Empire Broadcast Fertilizer Distributer**

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Is the best and most popular machine made for sowing broadcast on the surface of the soil, such materials as commercial fertilizer, ground lime, plaster, salt, etc. It stands at the head of the list. Does the work in the proper manner and gives Universal satisfaction.

Write us today. No trouble to answer questions.

**EMPIRE DRILL COMPANY,**  
Division,  
The American Seeding-Machine Co., Inc.,  
Shortsville, New York.

## MATERIAL.

The material that enters into the construction of this machine is selected with our usual care, the best possible to obtain for the purpose. It is distributed in such a way as to give the greatest strength, and the least weight possible.

The Empire Broadcast Fertilizer Sower is especially adapted and equipped for sowing a large quantity of ground lime per acre.

The Hopper is strong, well built and extra large, with a capacity of about nine bushels of ordinary material. Is mounted on low wheels; is near the ground, making it easy to fill and to care for.

Each machine is equipped with two sets of fertilizer cones (see cut of fertilizer feed) for sowing large and small quantities.

The hopper has eight fertilizer distributors, twelve inches in diameter and twelve inches apart. Sows ninety-six inches in width.

## THE ANGLE STEEL FRAME.

Well made and durable. Gives a solid, substantial foundation for the hopper and its load. The machine is well balanced and easily handled by two horses.

## ABOUT WHEELS.

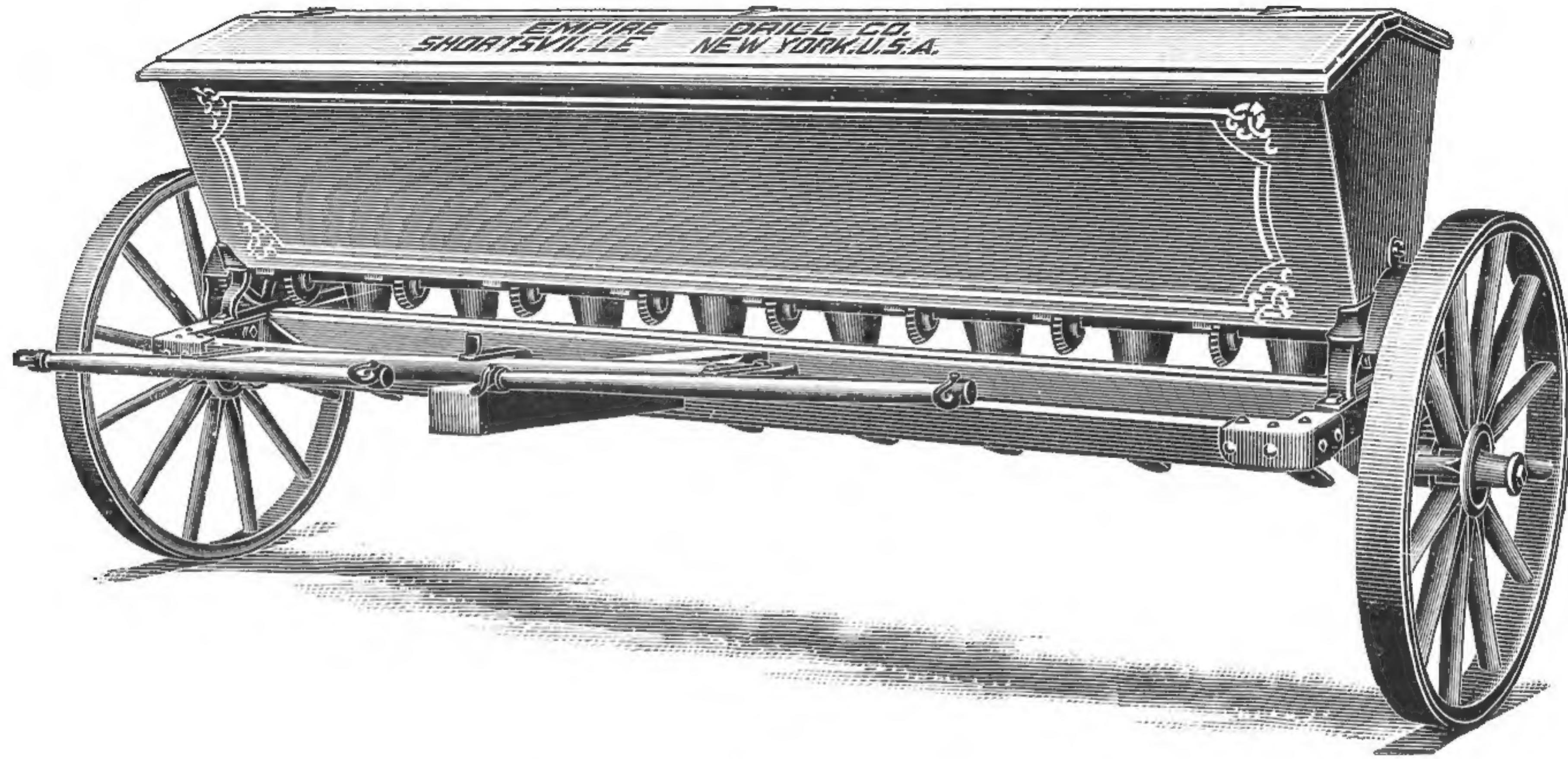
We mount the Empire Broadcast Fertilizer Sower on broad tired, low wheels of the best make. Low wheels bring the machine near the ground.

The wheels are hung on taper spindle axles, with the proper pitch and gather to make a light draft and perfect running machine.

## SCATTERING TUBES.

Special attention is called to the galvanized iron scattering tube, or spout, attached to each discharge opening of fertilizer distributer. Their construction is such that the fertilizer is spread in an even sheet over the surface of the ground, giving the most accurate and satisfactory distribution.

The discharge from the scattering tubes being close to the ground, the fertilizer is not blown over the operator and team by the wind but is put where it belongs.



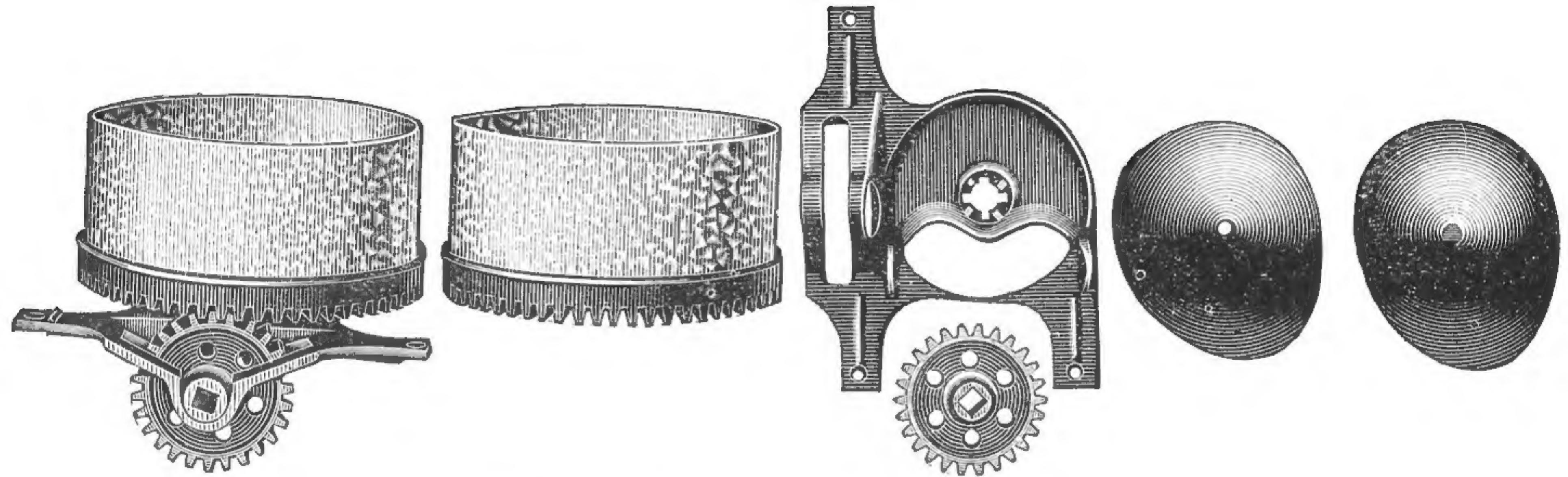
Front View of Empire Broadcast Fertilizer Sower.

## THE EMPIRE FERTILIZER FORCE FEED.

Is a positive force feed. The illustration on opposite page will show you. The spider bottom is screwed to the bottom of hopper, supporting the whole mechanism. Note the large discharge opening. The revolving bottom, with cogs on its under side, is twelve inches in diameter.

The oval top fertilizer feed cone is furnished in two sizes, for large and small quantities. The cones may also be placed in different positions, adapting the machine to handle any fertilizer on the market. The size of the discharge opening is never changed whether sowing large or small quantity.

When specially required, we can furnish fertilizer cones of different size for intermediate quantities. Can also furnish coverers, or cut-offs, for fertilizer feeds, to enable the operator to sow through any particular runs, closing the others. The entire fertilizer feed is easily taken apart and cleaned. This should be done often to prevent any accumulation of cemented fertilizer.



**Empire Fertilizer Force Feed.**

## QUANTITY SOWN.

It must always be taken into consideration that different grades of fertilizer, or lime, vary more or less; some being very easy to handle, others extremely difficult. The material also varies in weight.

One quart weighs usually about two pounds. The capacity of this machine, as regularly equipped, is from 75 to 1475 quarts per acre, with intermediate quantities of from 25 to 50 quarts, as shown by operating directions. Quantity changes are made by change of square shaft gear and change gears. Also by changing fertilizer cones and by changing position of cones.

The Empire Broadcast Fertilizer Sower has a range of quantities for both commercial fertilizer and lime, that will meet all requirements.

If the regular equipment does not meet all emergency cases for large quantity, or intermediate quantity, we can furnish special equipment.

## THE EMPIRE BROADCAST FERTILIZER SOWER

is made in one size only; 8 foot, with eight tubes, sowing 96 inches in width. This is standard size. Is regularly equipped with pole, double-trees and neck yoke, for two horses

THE EMPIRE is a well made, neat, compact light running machine with large range of quantity.

THE EMPIRE has large carrying capacity, is built close to the ground, simple in construction and operation, with a positive force fertilizer feed.

Please write us. Ask for information. Give us a chance to serve you.

EMPIRE DRILL COMPANY,  
Division,  
The American Seeding Machine Co., Inc.,  
Shortsville, New York.

## TESTIMONIALS.

### NITRATE OF SODA PROPAGANDA

WILLIAM S. MYERS

Director for United States and Colonies  
Tel. 109 Cortlandt

Empire Drill Company,  
Shortsville, N. Y.

Gentlemen:—I think very highly of your Broadcast Fertilizer Sower. It does excellent work and has a wide range, as between very heavy and very light applications, which makes it an exceedingly useful machine for top dressing.

John Street and 71 Nassau, New York.  
January 20th, 1908.

Yours very truly, WM. S. MYERS.

Pittsfield, N. H., January 17th 1908.

Gentlemen:—I have tried several Fertilizer Distributors and find the Empire superior to those tried, and a very successful machine. I have no hesitation in recommending the Empire to those requiring a fertilizer sower.

Very truly yours, J. W. SANBORN.

Allentown, N. J., January 19, 1908

Gentlemen:—The Empire Broadcast Fertilizer Sower purchased from you in 1906, has been in constant use, as I sell ground lime and often furnish a machine to my customers to sow the lime. The machine has never cost me one cent for breakage, and sows accurately the quantities desired.

Yours truly, EDWARD HENDRICKSON.

Ewing, N. J., Jan. 10th, 1908

Gentlemen:—The Empire Broadcast Fertilizer Sower is the finest machine I ever used. Does its work satisfactory, and I highly recommend it to anyone who wants a good, substantial machine.

Very truly, WM. L. WYCKOFF.

Orwigsburg, Pa., Jan. 15, 1908

Gentlemen:—The Empire Broadcast Fertilizer Sower is all right. Does its work to my entire satisfaction. Saves labor and expense.

Yours truly,

PHILIP ALSPACH.

Moorestown, N. J., Dec. 15, 1907

Gentlemen:—We cannot say anything but good for the Empire Broadcast Fertilizer Sower. It gives us no trouble and does the work in a satisfactory manner.

Yours truly, C. H. WITCRAFT & SON.

Clear Spring, Md., Sept. 17, 1907

Gentlemen:—The Empire Broadcast Fertilizer Sower is one of the best machines I have ever seen for broadcasting fertilizer, or prepared lime, over the ground. It spreads it even and nice, and I find the quantity according to directions as accurate as a grain drill. I can recommend it to any one, wishing to purchase a machine for broadcast purposes.

Yours truly,

WM. KITZMILLER.

Rockville, Md., Oct. 20, 1907.

Gentlemen:—The Empire Broadcast Fertilizer Sower which we purchased from you, has given entire satisfaction. We sowed three carloads of ground lime, spreading the quantity according to directions as accurate as a grain drill. We can highly recommend this machine to any one in the market for a broadcast sower of this kind.

Yours truly, HARRY PENN,  
C. D. BOSWELL.

Pottsville, Pa., Dec., 15, 1907

Gentlemen:—The Empire Broadcast Fertilizer Sower is certainly a fine tool. Does the work satisfactory and I highly recommend it.

Yours very truly,

SAMUEL STRAUSE.



*We Also Manufacture*

**GRAIN DRILLS and CORN DRILLS**  
of the highest grade.

**Standard Sizes and Styles.**

**Catalog for the asking.**

**EMPIRE DRILL COMPANY,**  
*DIVISION,*  
**The American Seeding-Machine Co., Inc.**  
**SHORTSVILLE, NEW YORK**